

Weight to be painted on aeroplane—see A.N.D. 13, para. 33 and Notice to Aircraft Owners and Ground Engineers No. 33/1937.

Weight of fuel, oil, passengers and crew .. .. .	G.2	—
Weight, requirements to be met at maximum weight .. .. .	B.1	8
Welding—see ALL COMPONENTS.		
Wheels and tyres—see UNDERCARRIAGE.		
Windows—see WINDSCREEN AND WINDOWS.		

#### WINDSCREEN AND WINDOWS :—

Emergency exits, special requirements for windows .. .. .	B.5	19
Fire risk, approval of inflammable glass substitutes .. .. .	B.5	16
Material for windows in neighbourhood of pilot .. .. .	B.5	16
Securing of windscreen glass .. .. .	B.5	16

#### WINGS (see also ALL COMPONENTS) :—

##### Stressing requirements

Aerials, attachment of .. .. .	B.3	19
Ailerons—see AILERONS.		
Automatic control .. .. .	B.3	24
C.P. Back .. .. .	B.2	4
C.P. Forward .. .. .	B.2	3
Down gust .. .. .	B.2	2
Duplicate wires .. .. .	B.3	16
Engine mounting cases .. .. .	B.3	4
Fast glide .. .. .	B.2	5
Flaps—see FLAPS.		
Inverted flight, high negative incidence .. .. .	B.2	11
Landing .. .. .	B.2	6-9
Long struts, aerodynamic loading on .. .. .	B.3	22
Mass-balance arms .. .. .	B.3	7
Relative strength of lift and anti-lift wires .. .. .	B.3	18
Slat, lateral load on .. .. .	B.3	1
Slotted wings .. .. .	B.3	1
Spars, lateral support .. .. .	B.3	21
Spars, method of strength estimation .. .. .	B.3	21
Stabilization of long struts .. .. .	Z.3	14
Superstall .. .. .	B.3	1
Terminal velocity dive .. .. .	B.2	10
Up gust .. .. .	B.2	1
Wings with sweepback .. .. .	B.4	3
Wires cut .. .. .	B.3	17

##### Other requirements

Aerials—see AERIALS.		
Doping .. .. .	B.5	12
Dural tubes thinner than 22 G. .. .. .	B.5	18
Fabric and stringing .. .. .	B.5	12
Fasteners for inspection doors .. .. .	Z.3	17
Fatigue failures of streamline wires .. .. .	Z.3	7
Handling loads .. .. .	B.5	17
Mass-balance—see AILERONS.		
Ribs .. .. .	B.3	20
Ribs .. .. .	Z.2	—
Ribs .. .. .	Z.3	1
Slat locking devices .. .. .	B.3	1
Stiffness .. .. .	Z.7	—
Streamline wires .. .. .	Z.3	7
Wing flutter .. .. .	B.5	1
Wing flutter .. .. .	Z.7	—
Wing flutter (wings with flaps) .. .. .	B.5	2
Wiring lugs, design of .. .. .	Z.3	4
Wireless apparatus .. .. .	E.4	—
Wireless apparatus, installation of .. .. .	E.5	—